

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER I-08-033

Relating to Independent Contractor Approval under  
Section 91207, Title 17, California Code of Regulations

Environmental Management Solutions, Incorporated

WHEREAS, the Air Resources Board (ARB), pursuant to section 41512 of the California Health and Safety Code, has established the procedures contained in sections 91200-91220, title 17, California Code of Regulations, to allow the use of independent testers for compliance tests required by ARB;

WHEREAS, it has been determined that Tetra Tech EM, Incorporated meets the requirements of ARB for conducting ARB Test Methods 1, 2, 3, 4, 5, 17, 100 (CO, CO<sub>2</sub>, NO<sub>x</sub>, O<sub>2</sub>, SO<sub>2</sub>, THC) and United States Environmental Protection Agency Test Methods 201A and 202 pursuant to sections 91200-91220, title 17, California Code of Regulations when the following conditions are met:

1. Tetra Tech EM, Incorporated permanently marks or engraves an identification number on the body of each of its pitot tubes;
2. Tetra Tech EM, Incorporated calibrates its pitot tubes in accordance with section 4 of ARB Test Method 2 and establishes and maintains a log of the calibrations;
3. Tetra Tech EM, Incorporated calibrates its temperature gauges in accordance with section 4.3 of ARB Test Method 2 and establishes and maintains a log of the calibrations;
4. Tetra Tech EM, Incorporated calibrates its metering system as required by section 5.3 of ARB Test Method 5, and establishes and maintains a log of the calibrations;
5. Tetra Tech EM, Incorporated uses indicating anhydrous Calcium Sulfate as a desiccant;
6. Tetra Tech EM, Incorporated acquires and uses a 250-mL volumetric flask for ARB Test Method 17;
7. Tetra Tech EM, Incorporated uses reagent grade acetone that meets the requirements of section 3.2.1 of ARB Test Method 5 and section 3.2 of ARB Test Method 17. It shall establish and maintain a record of the residue value determined from the running of each acetone blank;
8. Tetra Tech EM, Incorporated characterizes the hydrocarbon species, as necessary, prior to the source test to determine that the detector will respond predictably to the organic compounds present;

Whereas, Tetra Tech EM, Incorporated's source testing group was acquired by Environmental Management Solutions, Incorporated and there were no other changes that would affect its ability to perform the tests for which Tetra Tech EM, Incorporated was approved;

WHEREAS, ARB's Executive Officer, pursuant to Health and Safety Code section 39516, issued Executive Order G-02-008, delegating to the Chief of ARB's Monitoring and Laboratory Division the authority to approve independent testers in accordance with title 17, California Code of Regulations, sections 91200-91220.

NOW, THEREFORE, I, William V. Loscutt, Chief of ARB's Monitoring and Laboratory Division, order that Environmental Management Solutions, Incorporated is granted an approval from the date of execution of this order until June 30, 2009, to conduct the tests listed above, subject to compliance with sections 91200-91220, title 17, California Code of Regulations.

BE IT FURTHER ORDERED that during the approved period the Executive Officer or his authorized representative may field audit one or more tests conducted pursuant to this order for each type of testing listed above.

Executed at Sacramento, California this 29<sup>th</sup> day of July 2008.

*Original signed by*

William V. Loscutt, Chief  
Monitoring and Laboratory Division